EXPEDITED FALLOUT SHELTER
CRIB-WALLED SHELTER (ABOVE GROUND)

GENERAL INFORMATION

This shelter can be constructed in areas where there is an abundance of small trees. The approximate amount of time and effort required to build this shelter (crib, for 5 persons) is about 4 hours. Read and study all instructions before starting to build.

TOOLS & MATERIALS (FOR 5-PERSON CAPACITY)

1. Saw and one axe to cut tree poles.
2. Shovels (one for each two workers).
3. Large cans, buckets and pots with lids for mixing soil and clay earth.
4. Knife or scissors.
5. At least 300 ft. of strong wire or 300 ft. of rope, or 3 double bed sheets (to tear into 1 foot wide strips, to serve as rope when slightly twisted), for each additional person above 5, in ft. of rope, or bed sheets per person.
6. At least 30 square yards, plus 2 square yards per person above 5, of ramproof rubber or plastic, or 2 additional sheets per person above 5. Closest to protect hands from injury and cutting, for each worker.
7. 15 pounds of newspaper for each worker.

APPROX. NUMBER OF POLES REQ'D.

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<tr>
<th>POLES</th>
<th>12&quot; LONG x 3&quot; DIAMETER</th>
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STEP 1

SELECT A SHELTER LOCATION WHERE THERE IS SUFFICIENT ROOM ABOVE GROUND AND WHERE THE ROOF WILL BE COVERED WITH FUNERAL, MORTUARY, OR DRAPE MATERIAL. PLACES WHERE WINDS WILL BE STOPPED BY HILLS OR NATURAL BARRIERS. LOCATE THE SHELTER, MAKING THE ENTRANCE THE LOWEST POINT IN THE AREA.

STEP 2

CUT POLES HAVING TOPS WITH DIAMETERS (NOT INCLUDING SAW) NO SMALLER THAN THE DIAMETERS SPECIFIED ON THE ILLUSTRATION FOR EACH TYPE POLE.

STEP 3

SORT THE POLES BY SIZE (LENGTH AND DIAMETER) AND LAY ALL POLES OF EACH SIZE TOGETHER NEAR THE SHELTER SITE. CUT OFF ALL LUMBS LONGER THAN 10 F. LONGER SINGLE POLES CAN BE OBTAINED FOR THE SIDES POLES OF THE SHIELD, USING A CORD OF STRAP, BURLAP, OR BARK. BUILT FOR MORE THAN 6 PERSONS (15'-FOOT POLES REQUIRED), IT IS BEST TO USE 2 CRIBS PLACED END-TO-END INSTEAD OF ONE CRIB THAT REQUIRES THE LONGER POLES.

STEP 4

A. PLACE TWO SIDE POLES ON THE GROUND AND PUT 2 OF THE 20'-FT END POLES ON TOP OF THE SIDE POLES AT THE END OF THE POLES. A TIE LINES BEHIND WHERE THEY CROSS.
B. STACK PAIRS OF END POLES AND SIDE POLES TO MAKE THE CRIE (WHILE KEEPING THE CRIB VERTICAL) AT A HEIGHT OF 32". TO KEEP THE 10'-FT POLES OF THE CRIB LEVEL, ALTERNATE THE TIES AT THE TOP AND BOTTOM OF THE STACK.
C. PLACE A PAIR OF VERTICAL CORNER BRACE POLES IN EACH OF THE 3 CORNERS OF THE CRIB. BRACE POLES SHOULD BE CUT OFF AT A SAME HEIGHT AS THE SIDE OF THE UPPER MOST HORIZONTAL POLES, AT WHICH THEY WILL BE TIED.
D. PLACE A ROOF BAR (AT BOTTOM, MIDDLE AND TOP) USING 3 FT LENGTHS OF WIRE, ROPE, OR TWISTED 1 FT-WIDE STRIPS OF CLOTH.
E. IF THE CRIB IS MORE THAN 7 FT LONG, PLACE A PAIR OF CENTER BRACE POLES IN POSITION ONE AGAINST THE OUTSIDE OF EACH SIDE POLE AND ANSWER AGAINST THE OUTSIDE OF EACH LONG DRIVE. PLACE THE PAIR OF BRACE POLES TOGETHER PERPENDICULARLY JUST ABOVE THE GROUND. TEMPORARILY TIE EACH CENTER POLE TO THE TOP MOST HORIZONTAL POLE. IF THE CRIB IS WITH CLOTH OR PLASTIC FILM, MAKING SURE AT THE LOWER EDGES, TIE THE LOWER EDGES TO THE CORNER POLES, TIE THE UPPER EDGES TO THE LINING TO THE UPPERMOST WALL POLE EVERY 2 FT., AFTER FIXING A SMALL HOLE THROUGH WHICH TO THREAD THE STRING OR A 4'-WIDE TIE OF CLOTH.
F. PLACE TWO STRIPS OF CLOTH OF BURNT VEGETABLE MATERIAL TO THE CENTER BRACE POLES USING HORIZONTAL TIES AT CENTER AND TOP.
G. POLE THE LINED CRIB WITH EARTH FROM WHICH ALL GRASS, ROOTS, ETC., HAVE BEEN REMOVED.

STEP 5

PUT THE 9 FT ROOF POLES IN PLACE. PLACE THE STRONGEST POLES AT THE ENTRYWAY, THEN PLACE THE SHORTER (3 TO 6 FT) POLES OVER THE ENTRYWAY.

STEP 6

TO EARTH FROM FALLING BETWEEN THE CRACKS OF THE ROOF, PUT STICKS IN THE LARGER CRACKS AND COVER THE ROOF WITH TWO OR MORE THICKNESSES OF NEWSPAPER OR OTHER MATERIAL.

STEP 7

PUT EARTH COVER ON THE ROOF TO THE DEPTHS SHOWN ON THE ILLUSTRATIONS, OR Enough TO COVER THE MENDED EARTH SURFACE TO A DEPTH OF 6 INCHES. USE FIBERS OR MATTRESSES TO FORM EARTH ROLLS AT THE ROOF EDGE. THE SHEETS WILL SERVE AS FORMS TO HOLD EARTH IN PLACE. FILL OF TURF CAN BE SUBSTITUTED AT THE ROOF EDGES FOR THE BAGSHEETS. PLACE THE UPPER EARTH COVERING MATERIAL BEFORE PLACING THE FINAL 6 INCHES OF EARTH COVER.

STEP 8

IF THE WEATHER IS HOT, BUILD AND INSTALL A SHELTER VENTILATING PUMP, SEE SEPARATE INSTRUCTIONS ON VENTILATION FOR EXPEDITED SHELTERS.